

Title (en)

Method for detecting wagon derailing

Title (de)

Verfahren zur Entgleisungsdetektion bei einem Wagon

Title (fr)

Procédé de détection de déraillement d'un wagon

Publication

EP 2431250 B1 20140416 (DE)

Application

EP 11180777 A 20110909

Priority

DE 102010045568 A 20100916

Abstract (en)

[origin: EP2431250A2] The method involves generating an operating voltage for power supply to loads while riding a wagon (10). A strength of the generated voltage must exceed a threshold to indicate a derailment. The threshold value is dynamically adjusted (58) according to the speed and load of the wagon. An independent claim is also included for a system for derailment detection of a wagon of a train.

IPC 8 full level

B61F 9/00 (2006.01); **B61K 9/00** (2006.01)

CPC (source: EP)

B61F 9/005 (2013.01); **B61K 9/00** (2013.01)

Cited by

CN103395433A; CN112731441A; CN103738355A; CN109367585A; CN106004916A; CN106383466A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2431250 A2 20120321; EP 2431250 A3 20130123; EP 2431250 B1 20140416; DE 102010045568 A1 20120322

DOCDB simple family (application)

EP 11180777 A 20110909; DE 102010045568 A 20100916